



PATENT

Case Docket No. SRSLABS.053C3

Date: September 11, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Arnold I. Klayman
Appl. No. : 10/614,623
Filed : July 7, 2003
For : AUDIO ENHANCEMENT
SYSTEM
Examiner : Unknown
Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

9/11/03

(Date)

John R. King
John R. King, Reg. No. 34,362

TRANSMITTAL LETTER

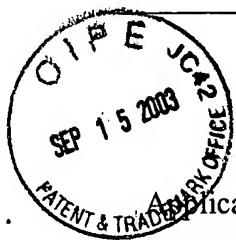
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 listing eighty-six (86) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

John R. King
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Attorney of Record
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INFORMATION DISCLOSURE STATEMENT

Applicant : Arnold I. Klayman
App. No. : 10/614,623
Filed : July 7, 2003
For : AUDIO ENHANCEMENT SYSTEM
Examiner : Unknown
Group Art Unit : Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing eighty-six (86) references. This application is related to U.S. Patent Application Nos. 08/430,751 filed April 27, 1995 and now U.S. Patent No. 5,661,808 issued August 26, 1997; 08/770,045 filed December 19, 1996 and now U.S. Patent No. 5,892,830 issued April 6, 1999; and 09/211,953 filed December 15, 1998 and now U.S. Patent No. 6,597,791 issued July 22, 2003 ("the prior applications"). Because these references are of record in the prior applications, copies are not being submitted herewith.


This Information Disclosure Statement is being filed with an RCE or within three months of the filing date of this application and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,

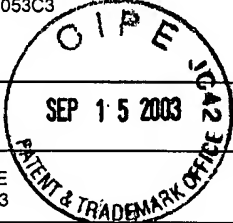
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 9/11/03

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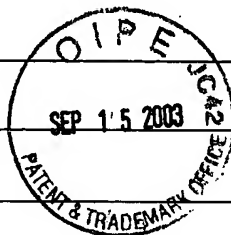
FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. SRSLABS.053C3	APPLICATION NO. 10/614,623
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Klayman	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE July 7, 2003	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	3,170,991	02/23/65	Glasgal			
	2	3,246,081	04/12/66	Edwards			
	3	3,249,696	05/03/66	Van Sickle			
	4	3,665,105	05/23/72	Chowning			
	5	3,697,692	10/10/72	Hafler			
	6	3,725,586	04/03/73	Iida			
	7	3,745,254	07/10/73	Ohta, et al.			
	8	3,757,047	09/04/73	Ito, et al.			
	9	3,761,631	09/25/73	Ito, et al.			
	10	3,772,479	11/13/73	Hilbert			
	11	3,849,600	11/19/74	Ohshima			
	12	3,885,101	05/20/75	Ito, et al.			
	13	3,892,624	07/01/75	Shimada			
	14	3,943,293	03/09/76	Bailey			
	15	4,024,344	05/17/77	Dolby, et al.			
	16	4,063,034	12/13/77	Peters			
	17	4,069,394	01/17/78	Doi, et al.			
	18	4,118,599	10/03/78	Iwahara, et al.			
	19	4,139,728	02/13/79	Haramoto, et al.			
	20	4,192,969	03/11/80	Iwahara			
	21	4,218,585	08/19/80	Carver			
	22	4,219,696	08/26/80	Kogure, et al.			
	23	4,237,343	12/02/80	Kurtin, et al.			
	24	4,239,937	12/16/80	Kampmann			
	25	4,303,800	12/01/81	DeFreitas			
	26	4,308,423	12/29/81	Cohen			
	27	4,308,424	12/29/81	Bice, Jr.			
	28	4,309,570	01/05/82	Carver			
	29	4,332,979	06/01/82	Fischer			
	30	4,349,698	09/14/82	Iwahara			
	31	4,355,203	10/19/82	Cohen			
	32	4,356,349	10/26/82	Robinson			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	33	4,393,270	07/12/83	Van den Berg			
	34	4,394,536	07/19/83	Shima, et al.			
	35	4,408,095	10/04/83	Ariga, et al.			
	36	4,479,235	10/23/84	Griffis			
	37	4,489,432	12/18/84	Polk			
	38	4,495,637	01/22/85	Bruney			
	39	4,497,064	01/29/85	Polk			
	40	4,503,554	03/05/85	Davis			
	41	4,567,607	01/28/86	Bruney, et al.			
	42	4,569,074	02/04/86	Polk			
	43	4,589,129	05/13/86	Blackmer, et al.			
	44	4,594,610	06/10/86	Patel			
	45	4,594,730	06/10/86	Rosen			
	46	4,748,669	05/31/88	Klayman			
	47	4,856,064	08/08/89	Iwamatsu			
	48	4,866,774	09/12/89	Klayman			
	49	4,953,213	08/28/90	Tasaki, et al.			
	50	5,046,097	09/03/91	Lówe, et al.			
	51	5,105,462	04/14/92	Lowe, et al.			
	52	5,208,860	05/04/93	Lowe, et al.			
	53	5,251,260	10/05/93	Gates			
	54	5,255,326	10/19/93	Stevenson			
	55	5,319,713	06/07/94	Waller, Jr., et al.			
	56	5,400,405	03/21/95	Petroff			
	57	5,533,129	07/02/96	Gefvert			
	58	5,661,808	08/26/97	Klayman			
	59	5,692,050	11/1997	Hawks			
	60	5,850,454	12/1998	Hawks			

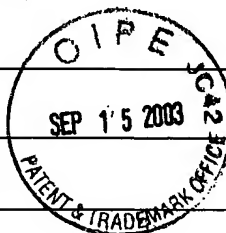
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	61	5,883,962	03/1999	Hawks			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	62	0 097 982 A3	06/02/83	Europe				
	63	0 312 406 A2	04/19/89	Europe				
	64	0 320 270 A2	12/08/88	Europe				
	65	0 354 517 A2	08/07/89	Europe				
	66	0 526 880 A2	02/10/93	Europe				
	67	0 637 191 A2	02/01/95	Europe				
	68	0 699 012 A2	02/28/96	Europe				
	69	35 014	05/10/65	Finland				
	70	3 331 352 A1	03/11/85	Germany				
	71	40-29936	10/20/40	Japan				
	72	43-12585	05/30/43	Japan				
	73	58-144989	09/29/83	Japan				
	74	61-166696	02/28/86	Japan				
	75	WO 91/19407	12/12/91	PCT				
	76	2 154 835	09/11/85	United Kingdom				
	77	2 277 855 A	11/09/94	United Kingdom				

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	78	Eargle, J., "Multichannel Stereo Matrix Systems: An Overview", <i>Journal of the Audio Engineering Society</i> , pp. 552-558 (no date listed).
	79	Stevens, S., et al., "Chapter 5: The Two-Earned Man", <i>Sound And Hearing</i> , pp. 98-106 and 196, 1965.
	80	Vaughan, D., "How We Hear Direction", <i>Audio</i> , pp. 51-55, December 1983.
	81	Allison, R., "The Loudspeaker / Living Room System", <i>Audio</i> , pp. 18-22, November 1971.
	82	Sundberg, J., "The Acoustics of the Singing Voice", <i>The Physics of Music</i> , pp. 16-23, 1978.
	83	Ishihara, M., "A New Analog Signal Processor For A Stereo Enhancement System", <i>IEEE Transactions on Consumer Electronics</i> , Vol. 37, No. 4, pp 806-813, November 1991.
	84	Kurozumi, K., et al., "A New Sound Image Broadening Control System Using a Correlation Coefficient Variation Method", <i>Electronics and Communications in Japan</i> , Volume 67-A, No. 3, pp. 204-211, March 1984.
	85	Schroeder, M.R., "An Artificial Stereophonic Effect Obtained from a Single Audio Signal", <i>Journal of the Audio Engineering Society</i> , Volume 6, Number 2, pp. 74-79, April 1958.
	86	Kaufman, "Frequency Contouring For Image Enhancement," <i>AUDIO</i> , pp. 34-39, February 1985.

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p>	

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